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Om nucleic - nucleic search, using SW model

Run on: July 22, 2004, 12:24:55 ; Search time 126 Seconds
 (without alignments)
 6857.607 Million cell updates/sec

Title: US-09-762-491-5
 Perfect score: 1557

Sequence: atgtctgggtcaagtatg.....ataatcatatagcgaaataa 1557

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_NA:
 1: /cgn2_6/pctodata/2/ina/5A_COMBO.seq: *
 2: /cgn2_5/pctodata/2/ina/5B_COMBO.seq: *
 3: /cgn2_6/pctodata/2/ina/6A_COMBO.seq: *
 4: /cgn2_6/pctodata/2/ina/6B_COMBO.seq: *
 5: /cgn2_5/pctodata/2/ina/PCTUS_COMBO.seq: *
 6: /cgn2_6/pctodata/2/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1548.6	99.5	1557	3 US-09-329-418-2
2	1546.6	99.5	1557	3 US-09-331-914-2
3	1526.4	98.0	1873	3 US-09-329-418-1
4	1525.4	98.0	1873	3 US-09-531-914-1
5	1487	95.5	1697	4 US-09-345-473B-7
6	1344.2	21.5	509	4 US-09-023-555-558
7	295.4	19.0	308	4 US-09-023-555-826
8	255.2	16.6	264	4 US-09-016-434-980
9	107.4	6.9	2355	4 US-09-781-882-3
10	107.4	6.9	3860	4 US-09-781-882-1
11	96.8	6.2	1774	4 US-09-312-283C-403
12	96.8	6.2	2370	4 US-09-503-802-1
13	95.8	6.2	3516	3 US-09-189-930-257
14	96.8	6.2	3516	4 US-09-312-283C-257
15	79.6	5.1	1888	4 US-09-189-930-66
16	79.6	5.1	1888	4 US-09-312-283C-66
17	6.0	3.9	2672	4 US-09-205-166-9
18	57.8	3.7	1260	4 US-09-206-166-1
19	57.8	3.7	1308	4 US-09-441-754-1
20	56.2	3.6	1461	3 US-09-344-001-1
21	53.4	3.4	2181	4 US-09-417-197-70
22	53.4	3.4	2184	4 US-09-417-197-138
23	53.4	3.4	2610	2 US-09-212-717-1
24	53.4	3.4	2610	4 US-09-091-581-1
25	53.4	3.4	2610	4 US-09-023-655-1206
26	52.6	3.4	1620	4 US-09-099-041A-3
27	3.4	0	US-09-245-281-3	

ALIGNMENTS

RESULT 1		US-09-329-418-2			
		; Sequence 2, Application US/09329418			
		; Patent No. 6036539			
		; GENERAL INFORMATION:			
		; APPLICANT: ZENECA Limited			
		; TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS			
		; FILE REFERENCE: PBM_70336			
		; CURRENT APPLICATION NUMBER: US/09/329,418			
		; CURRENT FILING DATE: 1999-06-11			
		; NUMBER OF SEQ ID NOS: 39			
		; SOFTWARE: Fast-SEQ for Windows Version 3.0			
		; SEQ ID NO 2			
		; LENGTH: 1557			
		; TYPE: DNA			
		; ORGANISM: Homo Sapiens			
		US-09-329-418-2			
		Query Match 99.5%; Score 1548.6; DB 3; Length 1557;			
		Best Local Similarity 99.6%; Pred. No. 0; Mismatches 5; Indels 0; Gaps 0;			
		Matches 1551; Conservativity 1;			
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OY	1	ATGTCGTGCGTCAGTATGGTTAGGCCAGGGTGCCCCCCCCCTGGTCCATCGACGA 60			
	1	ATGTCGTGCGTCAGTATGGTTAGGCCAGGGTGCCCCCCCCCTGGTCCATCGACGA 60			
		;			
		61 CTGGAGAACGAGCTGGCTGGCGAAAGACCGGGTCCGACAGTGTGTCGGCGCACAT 120			
		;			
		61 CTGGAGAACGAGCTGGCTGGCGAAAGACCGGGTCCGACAGTGTGTCGGCGCACAT 120			
		;			
		62 AGGAGCTGGGTACAGTGTGGGGTAGAGTGTAACTCGAGGGATATCCAGGG 180			
		;			
		121 AGGAGCTGGGTACAGTGTGGGGTAGAGTGTAACTCGAGGGATATCCAGGG 180			
		;			
		121 AGGAGCTGGGTACAGTGTGGGGTAGAGTGTAACTCGAGGGATATCCAGGG 180			
		;			
		121 AGGAGCTGGGTACAGTGTGGGGTAGAGTGTAACTCGAGGGATATCCAGGG 180			
		;			
		181 GTCAAGGCATGCCAACCTGGATAAAGAATTGTGTGCGCTAGGAGGGTTATGG 240			
		;			
		181 GTCAAGGCATGCCAACCTGGATAAAGAATTGTGTGCGCTAGGAGGGTTATGG 240			
		;			
		181 GTCAAGGCATGCCAACCTGGATAAAGAATTGTGTGCGCTAGGAGGGTTATGG 240			
		;			
		241 AACGGTGAACGGGACAGATCCAGGGCTCTGGTACTGAGGAGGG 300			
		;			
		241 AACGGTGAACGGGACAGATCCAGGGCTCTGGTACTGAGGAGGG 300			
		;			
		301 TCCCTCTGGGGCTGCCAGTCCAGTGGCTGGCTGGCTGGCTGGCTGGCTGG 360			
		;			
		301 TCCCTCTGGGGCTGCCAGTCCAGTGGCTGGCTGGCTGGCTGGCTGG 360			
		;			
		361 CTCGAAGAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 420			
		;			
		361 CTCGAAGAGTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 420			

QY 421 CGGACCTCAAGCCATCCAAGCAGTCCTGCCGGACCCAGAGCTGCACTCAAGCTGGAGAT 480
 Db 421 CGGACCTCAAGCCATCCAAGCAGTCCTGCCGGACCCAGAGCTGCACTCAAGCTGGAGAT 480
 QY 481 TTGGCCTGTCACATTCAGGAGSCTCAAGTCAGGAGAGGTGGCTGAGCTCAAGTGCAGAT 480
 Db 481 TTGGCCTGTCACATTCAGGAGSCTCAAGTCAGGAGAGGTGGCTGAGCTCAAGTGCAGAT 480
 QY 541 GGCACCTGCGCTACTTGCCGAGACTTTGTTAACGTAACGAAACGGGCTTCACA 600
 Db 541 GGCACCTGCGCTACTTGCCGAGACTTTGTTAACGTAACGAAACGGGCTTCACA 600
 QY 601 GGCAGTGACGCTACAGCTGGAGTCTAATGTCGGAGCTCTGGAGAGATT 660
 Db 601 GGCAGTGACGCTACAGCTGGAGTCTAATGTCGGAGCTCTGGAGAGATT 660
 QY 661 GAGTGGCAACGAAACATCTCTCGTGCTGCAACGGAGACCGGCT 720
 Db 661 GAGTGGCAACGAAACATCTCTCGTGCTGCAACGGAGACCGGCT 720
 QY 721 TCTATGGCTGAGCTGCCAACCGGGCGCTAGACTCCCGCTTAGAGGCTGAGAG 780
 Db 721 TCTATGGCTGAGCTGCCAACCGGGCGCTAGACTCCCGCTTAGAGGCTGAGAG 780
 QY 781 CTAATGAGCTGTCTGGAGAGTGGAGGCCAGGAAGACCTCTTCAGGAATGCTA 840
 Db 781 CTAATGAGCTGTCTGGAGAGTGGAGGCCAGGAAGACCTCTTCAGGAATGCTA 840
 QY 841 CAAAAACTGTGAAAGTCTCGATGAGCTGGAGAGACCTCTCCAGGAATGCTA 900
 Db 841 CAAAAACTGTGAAAGTCTCGATGAGCTGGAGAGACCTCTCCAGGAATGCTA 900
 QY 901 GAAAGGATTCTGTCGTCAGAGGAACTAGGAAATTCTCCAGGAATGCTA 960
 Db 901 GAAAGGATTCTGTCGTCAGAGGAACTAGGAAATTCTCCAGGAATGCTA 960
 QY 961 GGCAGGAGGATTCTGTCGTCAGAGGAACTAGGAAATTCTCCAGGAATGCTA 1020
 Db 961 GGCAGGAGGATTCTGTCGTCAGAGGAACTAGGAAATTCTCCAGGAATGCTA 1020
 QY 1021 AATGATGTCATGGTTGTCAGGGCTAACAAACTGAGATCTAGAGGAGCTCCAGCT 1080
 Db 1021 AATGATGTCATGGTTGTCAGGGCTAACAAACTGAGATCTAGAGGAGCTCCAGCT 1080
 QY 1081 GTTCCTAAAGATGCCGAGCTTACCAAGGGAGGGACAGAGGAGGAGCTCA 1140
 Db 1081 GTTCCTAAAGATGCCGAGCTTACCAAGGGAGGGACAGAGGAGGAGCTCA 1140
 QY 1141 CAGGCTGGAGCAGGGCACCTTCAGATGATGCCAACCTCCCAAGCTCCAGAG 1200
 Db 1141 CAGGCTGGAGCAGGGCACCTTCAGATGATGCCAACCTCCCAAGCTCCAGAG 1200
 QY 1201 AACCTCAACTTCTGAGAACAGGATGCCAACGGCTTACCTCACTGGAGAACACCAGTCTGGA 1260
 Db 1201 AACCTCAACTTCTGAGAACAGGATGCCAACGGCTTACCTCACTGGAGAACACCAGTCTGGA 1260
 QY 1261 CCCGAGGGATCAGGGGTCTGAGAGAACAGGACTGCTCCAGGACCCGGAG 1320
 Db 1261 CCCGAGGGATCAGGGGTCTGAGAGAACAGGACTGCTCCAGGACCCGGAG 1320
 QY 1321 CCAAATCCAGAACAGGGCGCCGCTGTTACATAACAACTGCTCTGGGTGCAAGT 1380
 Db 1321 CCAAATCCAGAACAGGGCGCCGCTGTTACATAACAACTGCTCTGGGTGCAAGT 1380
 QY 1381 GGAGACACAACTGACTATGAGAACAGAACGACACTGGCTGCCACATGGGGCTTGCA 1440
 Db 1381 GGAGACACAACTGACTATGAGAACAGAACGACACTGGCTGCCACATGGGGCTTGCA 1440
 QY 1441 CCTTCGGCAAGGGGAGGGCTGCAAGGCCACCCCAACAGGAGGTGCAAGAAACGCCCT 1500
 Db 1441 CCTTCGGCAAGGGGAGGGCTGCAAGGCCACCCCAACAGGAGGTGCAAGAAACGCCCT 1500
 QY 1501 AAAGATCCTGAAGCCTGGAGCAGGCCACAGGGTTGTTATAATCATGGGAATAA 1557

Db 1501 AAAGATCCTGAAGCCTGGAGCAGGCCACAGGGTTGTTATAATCATGGGAATAA 1557

RESULT 2
 Sequence 2, Application US/09531914
 Patent No. 6267956
 GENERAL INFORMATION:
 APPLICANT: ZENECA Limited
 TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS
 FILE REFERENCE: PHM-70536
 CURRENT APPLICATION NUMBER: US/09/531,914
 CURRENT FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 09/329,418
 PRIOR FILING DATE: 1999-06-11
 NUMBER OF SEQ ID NOS: 39
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 2
 LENGTH: 1557
 TYPE: DNA
 ORGANISM: Homo Sapiens
 US-09-531-914-2

Query Match 99.5%; Score 1548.6; DB 3; Length 1557;
 Best Local Similarity 99.6%; Pred. No. 0;
 Matches 1551; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Db 1 ATGCTGGCTCAAGTTATGCCAGGGGGCCCCCGCCCTGGTTCATGGAGAA 60
 QY 1 ATGCTGGCTCAAGTTATGCCAGGGGGCCCCCGCCCTGGTTCATGGAGAA 60
 Db 1 CTGGAGAACAGGAGCTGTCGGCAAAAGGGGGTGGAGACAGTTCCGGGCAACAT 120
 QY 61 CTGGAGAACAGGAGCTGTCGGCAAAAGGGGGTGGAGACAGTTCCGGGCAACAT 120
 Db 61 CTGGAGAACAGGAGCTGTCGGCAAAAGGGGGTGGAGACAGTTCCGGGCAACAT 120
 QY 121 AGGAAGTGGCTACATGGGGGCTCAAGATGTAACCTGTTGGGCTGAGGAG 180
 Db 121 AGGAAGTGGGCTACATGTTGGGCTGAGTGTGGGCTGAGGAGTATCCAGGAG 180
 QY 181 GTCAAGGCCATGGCAAGCTGGATACGAAATTCTGGTGTGGCTAGAGGGTTACG 240
 Db 181 GTCAAGGCCATGGCAAGCTGGATACGAAATTCTGGTGTGGCTAGAGGGTTACG 240
 QY 241 AAGGAGACTGGGACAAAGATCCCAAGGGAGCTGCTGACTAAATTCTGGAGACGG 300
 Db 301 TCCTTGTCGGGGCTGCTGAGTCAGTCCAGTSCCTYGGCCCTGGCCCTCTTGGCGCT 360
 QY 361 CTGAAGAAGTGGTGTGGATGTTACCTGAGGACAGAACGGGTGCTCGAC 420
 Db 361 CTGAAGAAGTGGTGTGGATGTTACCTGAGGACAGAACGGGTGCTCGAC 420
 QY 421 CGGACCTCAAGCCATTCAGGAGGCTCACAGTCAGGAGGAGCTGAGCTGAGCTGGAGAT 480
 Db 421 CGGACCTCAAGCCATTCAGGAGGCTCACAGTCAGGAGGAGCTGAGCTGAGCTGGAGAT 480
 QY 481 TTGGCCTGCAACATTCTAGGGAGGCTCACAGTCAGGAGGAGCTGAGCTGAGCTGGAGAT 540
 Db 481 TTGGCCTGCAACATTCTAGGGAGGCTCACAGTCAGGAGGAGCTGAGCTGAGCTGGAGAT 540
 QY 541 GGCACCTGCGCTACTTGCCCCAGAACATGTTGTTACSTAACCGGAAGGGCTCACA 600
 Db 541 GGCACCTGCGCTACTTGCCCCAGAACATGTTGTTACSTAACCGGAAGGGCTCACA 600
 QY 601 GGCAGTGACGCTACAGTCTGGGATCTATGTTGGAGCTGTTGGAGAGGTT 660
 Db 601 GGCAGTGACGCTACAGTCTGGGATCTATGTTGGAGCTGTTGGAGAGGTT 660
 QY 661 GAGTGCCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 720

US-09-329-418-1

TYPE: DNA
ORGANISM: Homo Sapiens
US-09-329-418-1.

Query Match	Score	DB	Length	Gaps					
Best Local Similarity	98.0%	3	1873	1;					
Matches	1546	Conservative	0;	Mismatches	11;	Indels	3;	Gaps	1;
QY	1	1	1						
Db	165	1	1						
QY	61	CTGGAAACAGGAGACTCTGGGAAAGGGGTTGGGAAAGTGTCTCCGGGCAACAT	60						
Db	225	ATGCGTCGCTCACTTAAGCCAGGGGCCCCCTGGTGTGCGAACATCGCTCCTCCAG	224						
QY	61	CTGGAAACAGGAGACTCTGGGAAAGGGGTTGGGAAAGTGTCTCCGGGCAACAT	60						
Db	225	ATGCGTCGCTCACTTAAGCCAGGGGCCCCCTGGTGTGCGAACATCGCTCCTCCAG	224						
QY	121	AGGAGTGGGCTAGATGGGCTGGGTCAGATGTAACCTGAATAGGAGATTCTATCCAGAGTC	180						
Db	285	AGGAATGTGSGGCTACATGATGPGCGTCAGATGTAACCTGAATAGGAGCTCCCGCTG	344						
QY	181	GTCAGGCCATGGCAGTCCTGGGAAAGGGGTTGGGAAAGTGTCTCCGGGCAACAT	240						
Db	345	GTCAAGGCCATGGCAGTCCTGGGAAAGGGGTTGGGAAAGTGTCTCCGGGCAACAT	240						
QY	241	AAGST---GAACTGGGACCAAGATGCCAACCTCCCAGCTCCAGTCAGCTCCAGAG	297						
Db	405	AGGTCGGCGCTGAGTCCTGGGAAAGGGGTTGGGAAAGTGTCTCCGGGCAACAT	240						
QY	298	GGCCTCTGGGGGCTGCTGGGAGTCAGTGGATACGAACTGGGAAAGGGGATTCAGGGG	357						
Db	465	GGCTCTTGTCGGGAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	524						
QY	358	CTGCTGAAGAAGTGGTGTGCTGGGATTTACCTGACAGAACGGCTGGCTGGCTCG	417						
Db	585	CACCGGGACCTCAAGCATCCACCTCTGGGACAGGGCTGGCTGGCTGGCTGGCTCG	644						
QY	525	CTGCTGAAGAAGTGGTGTGCTGGGATTTACCTGACAGAACGGCTGGCTGGCTCG	584						
Db	418	CACCGGGACCTCAAGCATCCACCTCTGGGACAGGGCTGGCTGGCTGGCTGGCTCG	477						
QY	538	GGGGGACCTGGGACTACTGGCCAGACTGTTGTAACGTAACCGGAGGGCTCC	597						
Db	705	GATTTGGCTGTCACATTCTAGGGAGGTCACAGTCAGGGACAGGGTGGGGAGCCA	537						
QY	645	GATTTGGCTGTCACATTCTAGGGAGGTCACAGTCAGGGACAGGGTGGGGAGCCA	704						
Db	765	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	824						
QY	765	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	824						
Db	598	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	657						
QY	765	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	824						
Db	705	GGGGGACCTGGGACTACTGGCCAGACTGTTGTAACGTAACCGGAGGGCTCC	764						
QY	598	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	657						
Db	765	ACACCGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG	824						
QY	658	GTTGAGTTGCCAACGAAACCACTCTGGCTAGGAGCTGGTGTGAAACAGGAGACGG	717						
Db	825	GTTGAGTTGCCAACGAAACCACTCTGGCTAGGAGCTGGTGTGAAACAGGAGACGG	884						
QY	718	CCTCATCTGGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTGAAACAGGAGACGG	777						
Db	885	CCTCATCTGGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTGAAACAGGAGACGG	944						
QY	778	GAGCTTATGGCTCTGGCTGGAGGAGTGGCCAACGAGACCTCTTCAGGAATG	837						
Db	945	GAGCTTATGGCTCTGGCTGGAGGAGTGGCCAACGAGACCTCTTCAGGAATG	1004						
QY	838	CTACAAAACGATGAACTCTGGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTG	897						
Db	1005	CTACAAAACGATGAACTCTGGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTG	1064						
QY	898	ACGTTAAGGATTCCTGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTG	957						
Db	1065	ACGTTAAGGATTCCTGCTGAGCTGCCAACGCGGGCTTAGGAGCTGGTGTG	1124						

RESULT 3

US-09-329-418-1

Sequence 1, Application US/09329418
Patient No. 6096339
GENERAL INFORMATION:
APPLICANT: ZENECA Limited
TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS
FILE REFERENCE: PHM_70535
CURRENT APPLICATION NUMBER: US/09/329,418
CURRENT FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 39
SEQ ID NO 1
SEQUENCE: FastSEQ For Windows Version 3.0

QY 958 TCAAGCCAAAGGAGGACAGAATGATGSCCTTAGGAGAACATAGAAACACACTCT 1017
; Sequence 1, Application US/09531914
; Patent No. 6567956
; GENERAL INFORMATION:
; APPLICANT: ZENECA Limited
; TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS
; FILE REFERENCE: PBM.70536
; CURRENT APPLICATION NUMBER: US/09/531.914
; PRIOR APPLICATION NUMBER: 09/329,418
; PRIORITY FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1873
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-531-914-1

RESULT 4

US-09-531-914-1

QY 1125 TCAAGCCAAAGGAGGACAGAATGATGSCCTTAGGAGAACATAGAAACACACTCT 1184
; Best Local Similarity 99.1%; Pred. No. 0; Mismatches 11; Indels 3; Gaps 1;
; Matches 1546; Conservative 0;

QY 1185 CGTAATGATGTCATGTTCTGAGTGCATAACAACATGATCTAGAGGGCCCTCCAGC 1077
; 1 ATGTCGCGCGTCGAAGTATGCCACAGGGTGTGCCCCCCTTGCTGTCGCCACAT 60
; 165 ATGTCGTCGCTGAGTGCATGTCGCCACGGGTGTGCCCCCCTTGCTGTCGCCACAT 224
; QY 61 CTGGAGAACGAGGAGCTGTCGCCACAGGGTGTGCCCCCCTTGCTGTCGCCACAT 120
; 225 CTGGAGAACGAGGAGCTGTCGCCACAGGGTGTGCCCCCCTTGCTGTCGCCACAT 284

QY 1018 TCAAGCCAAAGGAGGACAGAATGATGSCCTTAGGAGAACATAGAAACACACTCT 1017
; Db 1185 CGTAATGATGTCATGTTCTGAGTGCATAACAACATGATCTAGAGGGCCCTCCAGC 1244
; QY 1078 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1137
; Db 1245 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1304
; QY 1138 CCACAGCCCTGAGCACAGGGCACATCTCAGATGTCATGAGGGCCCTCCAGC 1197
; Db 1305 CCACAGCCCTGAGCACAGGGCACATCTCAGATGTCATGAGGGCCCTCCAGC 1364
; QY 1198 GAGACTCTAACATTCTGAAACAGATGCCCAGCTTACAGAGGGTGTGCCCCCCTTGCTGTCGCCACACTGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1257
; Db 1365 GAGACCTCAACTTCTGAAACAGATGCCCAGCTTACAGAGGGTGTGCCCCCCTTGCTGTCGCCACACTGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1424
; QY 1138 CCACAGCCCTGAGCACAGGGACATCTCAGATGTCATGAGGGCCCTCCAGC 1197
; Db 1305 CCACAGCCCTGAGCACAGGGACATCTCAGATGTCATGAGGGCCCTCCAGC 1364
; QY 1245 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1304
; QY 1078 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1137
; Db 1245 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1304
; QY 1185 CGTAATGATGTCATGTTCTGAGTGCATAACAACATGATCTAGAGGGCCCTCCAGC 1077
; Db 1245 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1304
; QY 1181 GTCAAGGCCATGGCAAGTGTGATAACCGAAATTCTGTTGCTGCCCCCTTGCTGTCGCCCTAGAAGGGTGTACAG 240
; Db 345 GTCAAGGCCATGGCAAGTGTGATAACCGAAATTCTGTTGCTGCTGCCCCCTTGCTGTCGCCCTAGAAGGGTGTACAG 404
; QY 241 AACP--GAACTGGACAGATCCAGTACCTGCTGAGGGCCACTCCAGACTCCA 297
; Db 405 AAGGTGGGGCTGAGGCCAGATCTCCAGGCCGCTCTGTGACTAAATCATGGAGAC 464
; QY 298 GGCTCCCTGTCGGGGCTGTCAGTGCCTCCAGTGCCTCCGCCCCCTTGCGC 357
; Db 465 GGCTCTGTCGGGGCTGTCAGTGCCTCCAGTGCCTCCGCCCCCTTGCGC 524
; QY 358 CTGCTGAAGAAGTGTGCTGCTGGAATGTTACCTGACAGGACAGGACAGGGTGTGCTG 417
; Db 525 CTGCTGAAGAAGTGTGCTGGAATGTTACCTGACAGGACAGGACAGGGTGTG 584
; QY 418 CACCGGACTCTAGGCCATCAAGTCAACTGCTGCTGGGGTCAA 477
; Db 645 GATTGTCGTCACATTTCAGGAAAGCTCAAGTTCAGGACGGTGGAGGCCA 644
; QY 585 CACCGGACTCTAGGCCATCAAGTCAACTGCTGCTGGAGGCCA 597
; Db 705 GGGGGACCTGGGTTACTGGCCACAGTGTGTTACGAAACGGGAGGCC 764
; QY 598 ACAGCGAGCTGCTACAGCTGGGACCTTAATGTCAGGAGGAGGAGGAGCA 657
; Db 765 ACAGCGAGCTGCTACAGTTCGGATCTTAATGTCAGGAGGAGGAGGAGCA 824
; QY 658 GTTGAATGCCACGGACCATCTGGTACGGCTGCTGTCACAGGGAGGCC 717
; Db 825 GTTGAATGCCACGGACCATCTGGTACGGCTGCTGTCACAGGGAGGCC 884
; QY 718 CCTTCATTGGTAGCTGCCACAGGGGCTGAGCTCCGGGTTAGGAGGACTGAG 777
; Db 885 CCTTCATTGGTAGCTGCCACAGGGGCTGAGCTCCGGGTTAGGAGGACTGAG 944
; QY 778 GAGCTTATGAGCTCTGCTGGAGCTGAGCCAGAGCACCTCTTCAGGATGC 837
; Db 945 GAGCTTATGAGCTCTGCTGGAGCTGAGCCAGAGCACCTCTTCAGGATGC 1004
; QY 838 CTACCAAACCTGAGCTTCAGATGGCTGAGAGAACATAGAACTGCTGCTC 897
; Db 1005 CTACCAAACCTGAGCTGAGAGAACATAGAACTGCTGCTC 1064
; QY 898 ACGGTAAGGATTCCTGTCAGTCAGCTAACAGGACAACTAGGAGGTTCTCCAGG 957
; Db 1065 ACGGTAAGGATTCCTGTCAGTCAGCTAACAGGACAACTAGGAGGTTCTCCAGG 1124
; QY 958 TCAAGCCAAAGGAGGACAGAATGATGSCCTTAGGAGAACATAGAAACACACTCT 1017
; Db 1125 TCAAGCCAAAGGAGGACAGAATGATGSCCTTAGGAGAACATAGAAACACACTCT 1184
; QY 1018 CGTAATGATGTCATGTTCTGAGTGCATAACAACATGATCTAGAGGGCCCTCCAGC 1077
; Db 1185 CGTAATGATGTCATGTTCTGAGTGCATAACAACATGATCTAGAGGGCCCTCCAGC 1244
; QY 1078 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1137
; Db 1245 TCTGTCCTAAAMTGGCCAGCCTTACAGAGGGAGGGCACAGGGAGGGTGTGCCCCCCTTGCTGTCGCCACAT 1304
; QY 1138 CCACAGCCCTGAGCACAGGGCACATCTCAGATGTCATGAGGGCCCTCCAGC 1197
; Db 1305 CCACAGCCCTGAGCACAGGGCACATCTCAGATGTCATGAGGGCCCTCCAGC 1364
; QY 1198 GAGACCTCAACTTCTGAAACCAGATGCCCAGGCCCTACCTCAACCTGGAAACACAGTCT 1257

RESULT 8
US-09-016-434-980
; Sequence 980, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
APPLICANT: Janice Au-Young
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INVENT PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
ZIP: 94104
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37, 071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 980:
SEQUENCE CHARACTERISTICS:
LENGTH: 264 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLogy: linear
IMMEDIATE SOURCE:
LIBRARY: BRAITUT03
CLONE: 866123
US-09-016-434-980
Query Match 16.6%; Score 259.2; DB 4; Length 264;
Best Local Similarity 98.9%; Pred. No. 8.2e-62; Matches 261; Conservatve 0; Mismatches 3; Indels 0; Gaps 0;
QY 290 TGGAGAACGGCTTCCCTGAGGAGCTGCGAGGAGCCAGTCGCCTCGGCCCTCGCCGCTCC 349
Db 1 TGGAGAACGGCTTCCCTGAGGAGCTGCGAGGAGCCAGTCGCCTCGGCCCTCGCCGCTCC 60

RESULT 9
US-09-781-882-3
; Sequence 3, Application US/09781882
; Patent No. 6630335
; GENERAL INFORMATION:
APPLICANT: Kapeller-Libermann, Rosana
TITLE OF INVENTION: 1471 Protein Kinase, a No. 6630335e1 Human
FILE REFERENCE: 03580-20904(5056-6
CURRENT APPLICATION NUMBER: US/09/781, 882
CURRENT FILING DATE: 2001-02-12
PRIORITY APPLICATION NUMBER: U.S. 60/182, 096
PRIORITY FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 3
LENGTH: 2355
TYPE: DNA
ORGANISM: H. sapiens
US-09-781-882-3

Query Match 6.9%; Score 107.4; DB 4; Length 2355;
Best Local Similarity 49.1%; Pred. No. 1.2e-19;
Matches 406; Conservative 0; Mismatches 406; Indels 15; Gaps 4;
QY 72 GAGACTGTGCGAAAGACGGATTCGACAGTGTGTCGCGGCGAACATAAGAAGGGGG 131
Db 75 GGAAAGAGGTGGCTCGCGGCGCTTGCGCAGGTGACAGGTGCGCCATGTCACAGAA 134

QY 132 CTAGATTTGGCGTCAGATC--GTAATCGAAGCGATATCGGGGTCAGGGTCAAGGC 188
Db 135 GACCTGCTGCGCATGAGTGTGCGCGCTGCGCAGCTGCGACAGGAGCATGGA 194

QY 189 CATTGGCAAGTCGTGATAACGAAATTGTTGTTGGCCATGAGAGGGTTATCGAGAAGGTGAA 248

Db 195 GTTTTGAGAAGCGAGAAGATGGAGATGCCAAGTTGGCTACATCCGCGCTGTGA 254

QY 249 CTCGGACAAAGATCCCGAAGCGCGCTCTGGTGACTAAATTCTGAGAAGACGCTCCCTGGT 308

Db 255 TGCATCTGCGCGAACCTGTGGCGCTGGTGTATGGAGATACATGGAGGGTCCCTGGA 314

QY 309 GGGCTCTGCGAGCCAGTGCCTGGCCCTGGCCCTTGGGCCCTGTGAAGA 368

Db 315 AAAGCTCTGCTGCTGAG--CCATTCGATGGATCTCGGTTCGAATCATCCAGA 371

QY 369 AGTGGTCTTGGAGATTTAACCTGCAAGACCCGGTCTCTGACGGGACCT 428

Db 372 GAGGGCGTGGCGCATGACTCTGCTGATGGATGCCCGACCTCTGCGCTGACCT 431

QY 429 CAGGCTTCCAAAGCTCTGGCGGAGGAGCTGCGAGCTGCGAGTTGGCT 488

Db 432 CAGGCCGCGACATCTGCTGCTGAGGAGCTACACGTCAGATTTCTGATTTGCT 491

QY 489 GTCGACATTTCAGGGAGGCTCACAGTCAGGGACAGGGTCCAGTCAGTCAAGGTCG 529

Db 181 ACCTGGAGATTGGCTGACATTCAGGGAGGCTCACAGTCAGTCAAGGTCG 240

QY 530 GGGAGCGAGGGGACCTGAGCT 553
Db 241 GGGAGCGAGGGGACCTGAGCT 264

RESULT 10
 US-09-781-882-1
 ; Sequence 1, Application US/09781882
 ; Patent No. 663035
 ; GENERAL INFORMATION:
 ; APPLICANT: Kapeller-Libermann, Rosana
 ; TITLE OF INVENTION: 14171 Protein Kinase, a No. 6630335el Human
 ; TITLE OF INVENTION: Protein Kinase and Uses Thereof
 ; FILE REFERENCE: 035800-5
 ; CURRENT APPLICATION NUMBER: US/09/0014/5800-5
 ; CURRENT FILING DATE: 2001-02-12
 ; PRIOR APPLICATION NUMBER: U.S. 60/182,096
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 1
 ; LENGTH: 3860
 ; TYPE: DNA
 ; ORGANISM: H. sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (17)..(2371)
 ; OTHER INFORMATION:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)..(3860)
 ; OTHER INFORMATION: n = A,T,C or G

Query Match 6.9%; Score 107.4; DB 4; Length 3860;
 Best Local Similarity 49.1%; Pred. No. 1.5e-19;
 Matches 406; Conservative 0; Mismatches 406; Indels 15; Gaps 4;

Qy 546 CCTGGCTATTTGCCAGAACGACTTGTAACTAAMCGGAAGGCCTCCACAGCCAG 605
 Db 552 ATACGCTACTCCCTCCAGAAGCCTACATGGAGAGGGCTTCAGAACCAAGCA 611

Qy 606 TGACGCTTACAGCTTGGGATTTCTAATGTCGAGAGAGAGTGTGTT 665
 Db 612 CGATGTTACGCTTGGTGTGTCATCTCGGCTGCT - - - - - CACAGAGAAGCC 665

Qy 666 GCCAACCGAACATCACTCGTGTACGAAGCAGGTGTGCAACAGGGAGAACGGCCTTCATT 725
 Db 666 GTTTCAGATAGAAGAACATCTGCACATCATGGTGAAGCTGGTGTAAAGGCCACCGCCC 725

Qy 726 GGCTGAGCTGCCAAAGCCGCTGAGACTCCGGCTTAGAAGAGGACTTAAT 785
 Db 726 CGAGCTGCCGCGCTGAGAGGGATTCGGGAGCTCCAGCCACCTCTCTGTA 785

Qy 786 GCAGCTCTGGAGGAGTGCCGCCAGGAGAACCCCTCTCCAGGAATCCAA 845
 Db 786 GCAGCGCTGGCTGGAGGGATTCGGGAGCTAGGCCACCTTCCAGAAATTACTCTGTA 845

Qy 846 AACTGATGAAGCTTCAGATGGTGGAGAACATAATGAAATGCTGCTG 892
 Db 846 AACCGGAGGACCTGTGIGAAAGCCTDGTAGGAGACTGAAAGAACTG 892

RESULT 10
 US-09-781-882-1
 ; Sequence 1, Application US/09781882
 ; Patent No. 663035
 ; GENERAL INFORMATION:
 ; APPLICANT: Kapeller-Libermann, Rosana
 ; TITLE OF INVENTION: 14171 Protein Kinase, a No. 6630335el Human
 ; TITLE OF INVENTION: Protein Kinase and Uses Thereof
 ; FILE REFERENCE: 035800-5
 ; CURRENT APPLICATION NUMBER: US/09/0014/5800-5
 ; CURRENT FILING DATE: 2001-02-12
 ; PRIOR APPLICATION NUMBER: U.S. 60/182,096
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 1
 ; LENGTH: 3860
 ; TYPE: DNA
 ; ORGANISM: H. sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (17)..(2371)
 ; OTHER INFORMATION:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)..(3860)
 ; OTHER INFORMATION: n = A,T,C or G

Query Match 6.9%; Score 107.4; DB 4; Length 3860;
 Best Local Similarity 49.1%; Pred. No. 1.5e-19;
 Matches 406; Conservative 0; Mismatches 406; Indels 15; Gaps 4;

Qy 726 GGCTGAGCTGCCAAAGCCGCTGAGACTCCGGCTTAGAAGAGGACTTAAT 785
 Db 742 CGAGCTGCCGCGCTGAGGCCCGCGCGCGCGCTCGAGCCACCTCTACGCTAT 801

Qy 786 GCAGCTCTGGAGGAGTGCCGCCAGGAGAACCCCTCTCCAGGAATCCAA 845
 Db 802 GCAGGGTGTGGAGGGATTCGGGAGTAGGCCACCTTCCAGGAATGCTTACCAA 861

Qy 846 AACTGATGAAGCTTCAGATGGTGGAGAACATAATGAAATGCTGCTG 892
 Db 862 AACCGGAGGACCTGTGIGAAAGCCTDGTAGGAGACTGAAAGAACTG 908

RESULT 11
 US-09-312-283C-403
 ; Sequence 403, Application US/09312283C
 ; Patent No. 657305
 ; GENERAL INFORMATION:
 ; APPLICANT: Watson, James D.
 ; APPLICANT: Strachan, Lorna
 ; APPLICANT: Sleeman, Matthew
 ; APPLICANT: Onrust, Rene
 ; APPLICANT: Muriain, James G.
 ; APPLICANT: Kumble, Krishnand D.
 ; TITLE OF INVENTION: Compositions Isolated from Skin Cells
 ; TITLE OF INVENTION: and Methods for Their Use
 ; FILE REFERENCE: 11000.101c2
 ; CURRENT APPLICATION NUMBER: US/09/312,283C
 ; CURRENT FILING DATE: 1999-05-14
 ; NUMBER OF SEQ ID NOS: 425
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 403
 ; LENGTH: 1774
 ; TYPE: DNA
 ; ORGANISM: Mouse
 ; US-09-312-283C-403
 ;
 Query Match 6.2%; Score 96.8; DB 4; Length 1774;
 Best Local Similarity 51.9%; Pred. No. 8.7e-17;
 Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Qy 189 CATGGCAAGTCGGATACGAACTCGTGTGGCTTAAAGGGTATGAGAGGTGA 248
 Db 211 GCTTTGGAAAGCAGGAGATGGAGATGGCCAGTGTGCTACATCCGGCTGTGA 270

Qy 249 CTGGGACCAAGATCCCAAGCCGCGCTCTGGTRACTAATTCTGGAGAACCGCTCCCTGTC 308

Db 286 TGGTCATGGAGAACATGGAGACAGGCTCCTTGGAGAACGCTGCTGGCTCAAGAG--CCAT 342
 Qy 335 GGCCCTGCCCTCTTCCCGCTGCTGAAGAGTGTTGGATGTTTACCTGC 394
 Db 343 TSGCTTGGACCTGGCTTGTGATCGAGACGCGACGCGCTG 402
 Qy 395 ACGACCAGAACCGGGTGTCTGACCGGACTCAAGCCATCCAACCTCTGCGCCGACC 454
 Db 403 ATTCGATCTCCGACTGCGCTTGTGACCTAGCTGAACTTCCTG 462
 Qy 455 CAGAGCTGCACTGCAACTGCGATTTGGCTGCTCACATTGAGGAGCTCAGT 514
 Db 463 CCCACTACCATGTCAGATTCTGACTTGGCTGCGACCTGAGCTGCTGGATG 522
 Qy 515 C--AGGGACAGGGTCCGGGAGGGCACCTGGTACTGGCCAGAAGCT 571
 Db 523 CTGATGACCTACATGATGACTGACTCTCTCCAGAGGAA 582
 Qy 572 TTGTTAACGTAACCGGAGGCTCCACAGGCAAGCTGAGCTAACATCTG 631
 Db 583 TTGTGAGAGAGGCGCTTGTGACACAAACATGATGATACGCTGCGATG 642
 Qy 632 TGTGGGGAGCTGCTGCTGAGGAGCTGAGCTGAGCTGAGCTGCGATG 690
 Db 643 TCTGGGGTGTCTGCTACAGGAGGCAACCATCTCAACATCA 702
 Qy 691 GAGGCAGCTGCAACAGGAGGCTCATGGTGGAGGCTCCAGCGAGGCT 750
 Db 703 TGATGAAAGTGGTAAAGGGCACCGCC-----AGAGTSCACCATCTGAGACCC 755
 Qy 751 GAGACTCCGGCTTAGAGGACTGAGGAGCTATGAGGCTGAGGAGCTGAGCC 810
 Db 756 CGCCCGCTGCTGCGAGCTGATAGGATAATGCACTGCTGCGATGAGCCA 815
 Qy 811 AAGGACAGACCCCTCTGAGGATGCTTACAAAACATGATGAGCTTCCAGATG 870
 Db 816 CAGTGCCGCCACCTTCAGGAAATTACCTCTGAAACAGAACGACCTTGTGAGAAGCT 875
 Qy 871 GAGRACAATATGATG 886
 Db 876 GATGAGGAGGTGAAG 891

RESULT 12
 US-09-509-802-1
 ; Sequence 1, Application US/09509802
 ; Patent No. 6499130
 ; GENERAL INFORMATION:
 ; APPLICANT: Immunex Corp.
 ; APPLICANT: Bird, Timothy
 ; TITLE OF INVENTION: DEATH ASSOCIATED KINASE CONTAINING ANKYRIN REPEATS (DAKAR)
 ; FILE REFERENCE: 2889-US
 ; CURRENT APPLICATION NUMBER: US/09/509,802
 ; CURRENT FILING DATE: 2000-06-02
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 2370
 ; TYPE: DNA
 ; ORGANISM: Mus sp.
 ; US-09-509-802-1

Query Match 6.2%; Score 96.8; DB 4; Length 2370;
 Best Local Similarity 51.9%; Pred. No. 9.9e-17;
 Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Qy 275 TGGTGAATTCATGGAGAACGGCTCCCTGCGGGCTGCTGAGCTCGCCCTC 334
 Db 290 TGGTCACTGAGTACATGGAGAACGGCTCCCTGGAGAACGCTGCTGGCTCAGA--CCAT 346
 Qy 335 GGCCTGGCCGCTCTTGGCCCTGCTGAAGAGTGGCTGTTGGATGTTACCTGC 394

Db 347 TGCTTGGGACCTGGGTTGCGATCGAGAACGCCCTGGGATGACTTCTGC 406
 Qy 395 ACCGACGAAACGGTCTCTCGACGGGACTCAAGCATCCAGCTCGCCGACC 454
 Db 407 ATTCGATCTCCGCACTGCTGACCTAGCTGAACTTCCTG 466
 Qy 455 CAGAGCTGCACTGCAACTGCGATTTGGCTGCTCACATTGAGGAGCTCAGT 514
 Db 467 CCCACTACCATGCAAGATTCTGACTTGGCTGAGCTGAGCAAGGAACTCCTGCTG 526
 Qy 515 C--AGGGACAGGGTCCGGGAGGCAACCTGGTACTGGCCAGAAGCT 571
 Db 527 CTGATGACCTACATGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGGAA 586
 Qy 572 TTGTTAACGTAACCGGAGGCTCCAGGCACTGAGCTAACATCTG 631
 Db 587 TTGTGAGAGAGGCGCTTGTGACACAAACATGATGATACGCTGCGATG 646
 Qy 632 TGTGGGGAGCTGCTGCTGAGGAGCTGAGGAGCTGAGCTGAGCTGAGGCT 750
 Db 647 TCTGGGGTGTCTGCTACAGGAGGCAACCATCTCAACATCA 706
 Qy 691 GAGGAGCTGCTACAGGAGGCAACCATCTCAACATCA 702
 Db 707 TGATGAGGAGTGGTAACGGCACCGCC-----AGAGTSCACCATCTGAGCC 759
 Qy 751 GAGACTCCGGTTAGAGGACTGAGGAGCTAATGAGCTGCTGAGGAGCTGAGCC 810
 Db 760 CGCCCGCTGCTGCGAGCTGAGCTGAGCTGAGCTGAGCTGAGCC 819
 Qy 811 AAGGACAGACCCCTCTGAGGATGCTTACAAAACATGATGAGCTTCCAGATG 870
 Db 820 CAGTGCCGCCACCTTCAGAAATTACTCTGAAACAGAGACCTTGTGAGAACCT 879
 Qy 871 GAGAACATATGATG 886
 Db 880 GATGAGGAGGTGAAG 895

RESULT 13
 US-09-188-930-257
 ; Sequence 257, Application US/09188930A
 ; Patent No. 6150502
 ; GENERAL INFORMATION:
 ; APPLICANT: Watson, James D.
 ; APPLICANT: Strachan, Lorna
 ; APPLICANT: Christ, Rene
 ; APPLICANT: Mirison, James Greg
 ; TITLE OF INVENTION: Compositions Isolated From Skin Cells
 ; TITLE OF INVENTION: And Methods For Their Use
 ; FILE REFERENCE: 11000-101C1
 ; CURRENT APPLICATION NUMBER: US/09/188,930A
 ; CURRENT FILING DATE: 1998-11-09
 ; NUMBER OF SEQ ID NOS: 348
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 257
 ; LENGTH: 3516
 ; TYPE: DNA
 ; ORGANISM: Mouse
 ; US-09-188-930-257

Query Match 6.2%; Score 96.8; DB 3; Length 3516;
 Best Local Similarity 51.9%; Pred. No. 1.2e-16;
 Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Qy 275 TGGTGAATTCATGGAGAACGGCTCCCTGCGGGCTGCTGAGCTCGCCCTC 334
 Db 284 TGGTCACTGAGTACATGGAGAACGGCTCCCTGGAGAACGCTGCTGGCTCAGA--CCAT 340
 Qy 335 GGCCTGGCCGCTCTTGGCCCTGCTGAAGAGTGGCTGTTGGATGTTACCTGC 394
 Db 341 TGCTTGGGACCTGGGTTGCGATCGAGAACGCCCTGGGATGACTTCTGC 400

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QY 395 ACGGACAGAACCCGGTCTCTGCAACGGGACCTAAGCCTCAACGCTCTGGGGACC 454
Db 401 ATTGCATGTCGCCACTGCTCACCTPAGACCTGAACGGAACTCTCTGGATG 460
QY 455 CAGAGCTGACGAGCTGGCAGATTGGCTGTCCACATTGAGGAGCTACAGT 514
Db 461 CCCACTACCATGTCAGATTCTGCACTTTGGCTGTCCACATTGAGGAGCTACAGT 520
QY 515 C---AGGACAGGGCCGGGACCCAGGGGACCTGGCTACTTGGCCAGAGCT 571
Db 521 CTGATGACCTCACATGGCTCTGTTGTAACATCCTTACCTCCAGAGCGA 580
Db 572 TGTGTAAGCTAACCGGAAAGCCCTTACAGGGACTGACCTTGAGCTGGATCTCAA 631
Db 581 TTGCTGAGAAGACCGCTGTTGACCAAACTGATGATACAGCTTGGCTTGTCA 640
QY 632 TGTGGGCGTGTGCTG-C-TGAGAGGAAGTGTGAGTGCCACCGACCATCTGTGTAC 690
Db 641 TCTGGGGTGTCTACAGAGAGCCATTGGAGATGAAAGACATCTTACACATCA 700
QY 691 GAAGCAGTGTGCAACAGGCAACGGCCTTCATGGCTGAGCTGCCAACGGGCT 750
Db 701 TGATGAAAGTGTGTAAGGCCACCGCCC-----AGACTGCCACCATCTGAGACCC 753
Db 751 GAGACTCCGGTTAGAAGGACTTAAAGGACTTAATGAGCTCTGGAGCAGGCC 810
Db 754 CGGCCGCGTGTGCAAGCCCTGCTGCAACGGCTCTGCAACGGCTGTGCAACCCA 813
QY 811 AAGGACAGACCCCTCTCCAGGATGCTTACCAAACACTGATGAGTGTCTCCAGATGGT 870
Db 814 CAGGGGCCACCTTCCAAAGAAATTACCTCTGAAACAGAAGCCCTTGAGAAGCCT 873
QY 871 GAGAACATATGATG 886
Db 874 GATGAGGAGGTGAG 889

RESULT 14
US-09-312-283C-257
; Sequence 257, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.0101c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 257
; LENGTH: 3516
; TYPE: DNA
; ORGANISM: Mouse
; US-09-312-283C-257

Query Match 6.2%; Score 96.8; DB 4; Length 3516;
Best Local Similarity 51.9%; Pred. No. 1.2e-16;
Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;
QY 275 TGGTACTAAATTCTGAGAAGCCGCTCCCTGAGGGGTGCTGAGTCCAGGCC 334
Db 284 TGGTACTAAATTCTGAGAAGCCGCTCCCTGAGGGGTGCTGAGTCCAGGCC 340
QY 335 GGGCTTGGCGCTCTTGGCGCTGCTGAGAGTGGTGGGAGCTTACCTGC 394
Db 341 TGCTTGGGACCTGGCTTGCATGTCGAGACAGACGCCGGCATGAACTTCCTG 400

RESULT 15
US-09-188-930-66
; Sequence 66, Application US/09188930A
; Patent No. 615052
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.101c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 66
; LENGTH: 1888
; TYPE: DNA
; ORGANISM: mouse
; FEATURE: NAME/KEY: unsure
; LOCATION: (11690)...(11690)
; NAME/KEY: unsure
; LOCATION: (11755)...(11755)
; NAME/KEY: unsure
; LOCATION: (11864)...(11864)
; US-09-188-930-66

Query Match 5.1%; Score 79.6; DB 3; Length 1888;
Best Local Similarity 53.2%; Pred. No. 4.8e-12;
Matches 329; Conservative 0; Mismatches 274; Indels 15; Gaps 7;
QY 275 TGGTACTAAATTCTGAGAAGCCGCTCCCTGAGGGGTGCTGAGTCCAGGCC 334

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Db    284 TGGTCACTGAGTACATGGAGAACAGGCTCCGGAAAGACTGCTGGCTCAGAG---CCAT 340
Qy    335 GGCCCTGGCGCTCTTGCCGCTGTGAAGAAGAGTGGTGTCTGGGTTTACCTGC 394
Db    341 TGCTTGCGACCGCGCTTCGGATCGGCCACGGACGCGGGCTGAACTTCCTGC 400
Qy    395 ACGGACGAGACCCGGTGTCTGCACCGGACCTCAAGCCATCAACCTCTGGCGGA-- 452
Db    401 ATTCGATGTCGCCACTGTGACCTAGACCTGAGCCAGCACATCTGGATG 460
Qy    453 CCCAGAGGTGAGCTGAGCTGGC - AGATTGGCCTTCACATTAGGGGGCAC 511
Db    461 CCCACTACCAAACTGTCAGATTTCTGACTTGGCTGGCTAGTGCAATGTCGCC 520
Qy    512 AGTC -- AGGACAGGGTGGGGGGACCTGGGCTACTTGCCCCAGAC 568
Db    521 ACTTCATGACCTCAGATGATGATGGCCCTTGATGACATGCTACTTCCTCCAGGC 580
Qy    569 TGTGTTGTRACGTAACCGGGAAAGCCTCCACAGCAGTGAAGTACAGCTTGGGATTC 628
Db    581 GAATTCTGAGAAGGCCCTTGTGACACCAACATGTGATAACGCTTGGCATG 640
Qy    629 TAATGTGGCAAGNGCTTGCTGGAGAGAGTGTGTCACCGAACCAACTCGT 688
Db    641 TGATCTGGGTGTTAC - ACKGAATTAATCCATTGCAAGTAAAGACATCC---T 695
Qy    689 ACGAGGAGTGTGACACGGAGAACCGCCCTCATGGCTGAGCTGGCCAGCCGGG 748
Db    696 AACATCATGTGAAAGCTGA-AAGGCCACGCCAGAGTGGCCACCATCTGGAC 754
Qy    749 CTGAGACTCCGCTTAGAGGACTGAGGGAGCTATCGGCTGTGGCTGGCTGGCAGTG 808
Db    755 CCCGGCCGGTGTGCGCTGACGCTGTGATAGGGCTCATGCAACGGTGTGGCATGAGAC 814
Qy    809 CCAGGACAGACCTCTCAGAACTCTACAAAACTGATGAGTCTCCAGATG 868
Db    815 CACAGGTTGGCCACCTTCAGAAATTACCTCTGAAACAGAGACCTTGTGAGAGC 874
Qy    869 TGGAGAACATATGATG 886
Db    875 CTGATGAGGGGGTGAAG 892

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Search completed: July 22, 2004, 16:33:25
 Job time : 137 secs

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